

APPENDIX F
DEVELOPMENT COTS SOFTWARE TEST CONDITION REQUIREMENTS
FOR SunOS 4.1.3

TEST CONDITION REQUIREMENT				
TCR NO.:	DATE PREPARED:	PREPARER'S NAME:	ECP NO.:	INPUT MEDIUM:
DSRS-COTSD-001	9/25/95	CACI, Inc.		Interactive
<p>TEST PURPOSE:</p> <p>Verify that GNU ANSI C Compiler 2.3.3 was correctly installed and performs as required.</p> <p>CONDITION TO BE EVALUATED:</p> <p>The C source file is compiled successfully.</p>				
<p>TEST PROCEDURES:</p> <ol style="list-style-type: none"> Log into the Sun console using a valid SunOS user ID and password which has been set up for GNU ANSI C operation. Type the following command at the SunOS prompt to compile module 109b02.c: <pre>gcc -c -I /dsrscm/source/common \ /dsrscm/source/common/109b02.c</pre> 				
<p>EXPECTED OUTPUT:</p> <ol style="list-style-type: none"> The SunOS prompt should be displayed. The SunOS prompt should be displayed. 				
<p>GENERATED TRANSACTIONS/REPORTS: Verify that the file ./109b02.o was created.</p>				
<p>DATABASE CHANGES EXPECTED: None.</p>				

TEST CONDITION REQUIREMENT

TCR NO.:

DATE PREPARED:

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INPUT MEDIUM:

TEST RESULTS:

SUMMARY OF TEST RESULTS/OUTPUT GENERATED:

INSTALLATION INFORMATION

DATE INSTALLED: _____

PRINTED NAME/ORGANIZATION

SIGNATURE

TEST CONTROL INFORMATION

DATE TESTED: _____

PRINTED NAME/ORGANIZATION

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SIGNATURE

EXPLAIN:

DATE TCR ACCEPTED: _____

ACCEPTANCE
SIGNATURE:

TEST CONDITION REQUIREMENT				
TCR NO.:	DATE PREPARED:	PREPARER'S NAME:	ECP NO.:	INPUT MEDIUM:
DSRS-COTSD-002	9/25/95	CACI, Inc.		Interactive
<p>TEST PURPOSE:</p> <p>Verify that Sun SPARCompiler C++ has been correctly installed and performs as required.</p> <p>CONDITION TO BE EVALUATED:</p> <p>The C++ source file is compiled successfully.</p>				
<p>TEST PROCEDURES:</p> <ol style="list-style-type: none"> Log into the Sun console using a valid SunOS user ID and password which has been set up for SPARCompiler C++ 4.0.1 operation. Create a C++ source file to include the following lines and save to disk as test.css <pre>#include <10stream.h> main() {cout<<"cc successful."<<end1;}</pre> Type the following command at the SunOS prompt to compile the module test.css. <pre>cc test.cxx</pre> Type the following command to view the results. <pre>a.out</pre> 				
<p>EXPECTED OUTPUT:</p> <ol style="list-style-type: none"> The SunOS prompt should be displayed. test.cxx source file created. The SunOS prompt should be displayed. <i>cc Successful.</i> displayed on screen. 				
<p>GENERATED TRANSACTIONS/REPORTS: None.</p>				
<p>DATABASE CHANGES EXPECTED: None.</p>				

TEST CONDITION REQUIREMENT

TCR NO.:

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ECP NO.:

INPUT MEDIUM:

TEST RESULTS:

SUMMARY OF TEST RESULTS/OUTPUT GENERATED:

INSTALLATION INFORMATION

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PRINTED NAME/ORGANIZATION

SIGNATURE

TEST CONTROL INFORMATION

DATE TESTED: _____

PRINTED NAME/ORGANIZATION

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SIGNATURE

EXPLAIN:

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ACCEPTANCE
SIGNATURE:

TEST CONDITION REQUIREMENT				
TCR NO.:	DATE PREPARED:	PREPARER'S NAME:	ECP NO.:	INPUT MEDIUM:
DSRS-COTSD-003	9/25/95	CACI, Inc.		Interactive
TEST PURPOSE: Verify that XVT-DSC++ as been correctly installed and performs as required.				
CONDITION TO BE EVALUATED: The XVT source file is compiled successfully.				
TEST PROCEDURES: <ol style="list-style-type: none"> Log into the Sun console using a valid SunOS user ID and password which has been setup for Open Windows and XVT Power++ 3.2 operation. Change directory by typing the following command at the SunOS prompt. cd \$XVT_DSP_DIR/pwr/example/hello Type the following command at the SunOS prompt to compile and link the project Hello. make Hello Type the following command to run Hello. Hello 				
EXPECTED OUTPUT: <ol style="list-style-type: none"> The SunOS prompt should be displayed. The SunOS prompt should be displayed. The SunOS prompt should be displayed. Hello GUI displayed in OpenWindows. 				
GENERATED TRANSACTIONS/REPORTS: None.				
DATABASE CHANGES EXPECTED: None.				

TEST CONDITION REQUIREMENT

TCR NO.:

DATE PREPARED:

PREPARER'S NAME:

ECP NO.:

INPUT MEDIUM:

TEST RESULTS:

SUMMARY OF TEST RESULTS/OUTPUT GENERATED:

INSTALLATION INFORMATION

DATE INSTALLED: _____

PRINTED NAME/ORGANIZATION

SIGNATURE

TEST CONTROL INFORMATION

DATE TESTED: _____

PRINTED NAME/ORGANIZATION

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SIGNATURE

EXPLAIN:

DATE TCR ACCEPTED: _____

ACCEPTANCE
SIGNATURE:

TEST CONDITION REQUIREMENT				
TCR NO.:	DATE PREPARED:	PREPARER'S NAME:	ECP NO.:	INPUT MEDIUM:
DSRS-COTSD-004	9/25/95	CACI, Inc.		Interactive
<p>TEST PURPOSE:</p> <p>Verify that ICS OSF Motif Version 1.2.4 was correctly installed and performs as required.</p> <p>CONDITION TO BE EVALUATED:</p> <p>The ICS OSF Motif process is executing.</p>				
<p>TEST PROCEDURES:</p> <ol style="list-style-type: none"> Log into the Sun console using a valid SunOS User ID and password which has been setup for OpenWindows and DSRS X/Motif operations. Press the right mouse button to select New Window under the Root Menu pop-up menu. Select the new xterm window. Type the following command at the SunOS prompt. <pre>ps - aux grep mwm</pre> 				
<p>EXPECTED OUTPUT:</p> <ol style="list-style-type: none"> The OpenWindows 3.3 logo should be displayed, then the Motif desktop should appear. A new xterm window should appear on the Motif desktop. The new xterm window should gain focus. Confirmation for mwm process running and related information. 				
<p>GENERATED TRANSACTIONS/REPORTS: None.</p>				
<p>DATABASE CHANGES EXPECTED: None.</p>				

TEST CONDITION REQUIREMENT

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TEST CONTROL INFORMATION

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TEST CONDITION REQUIREMENT				
TCR NO.:	DATE PREPARED:	PREPARER'S NAME:	ECP NO.:	INPUT MEDIUM:
DSRS-COTSD-005	9/25/95	CACI, Inc.		Interactive
<p>TEST PURPOSE:</p> <p>Verify that XVT-Graphical Extensions was correctly installed and performs as required.</p> <p>CONDITION TO BE EVALUATED:</p> <p>The XVT source file is compiled successfully.</p>				
<p>TEST PROCEDURES:</p> <ol style="list-style-type: none"> Log into the Sun console using a valid SunOS user ID and password which has been setup for XVT-Graphical Extensions and OpenWindows operations. Change directory by typing the following at the SunOS prompt cd \$XVT_DSP_DIR/pwr/examples/hello Type the following lines in ChelloWin.cxx. #include "xge.h" static PP_VIEW *ppv; Type the following at the SunOS prompt to compile and link the project Hello. make Hello Type the following to run Hello. Hello 				
<p>EXPECTED OUTPUT:</p> <ol style="list-style-type: none"> SunOS prompt should be displayed. SunOS prompt should be displayed. Chellowin.cxx source file updated. SunOS prompt should be displayed. SunOS prompt should be displayed. Hello GUI displayed in OpenWindows. 				
<p>GENERATED TRANSACTIONS/REPORTS: None.</p>				
<p>DATABASE CHANGES EXPECTED: None.</p>				

TEST CONDITION REQUIREMENT

TCR NO.:

DATE PREPARED:

PREPARER'S NAME:

ECP NO.:

INPUT MEDIUM:

TEST PURPOSE:

CONDITION TO BE EVALUATED:

TEST PROCEDURES:

EXPECTED OUTPUT:

GENERATED TRANSACTIONS/REPORTS:

DATABASE CHANGES EXPECTED:

TEST CONDITION REQUIREMENT				
TCR NO.: DSRS-COTSD-006	DATE PREPARED: 9/25/95	PREPARER'S NAME: CACI, Inc.	ECP NO.:	INPUT MEDIUM: Interactive
<p>TEST PURPOSE:</p> <p>Verify that ORACLE Pro*C 1.6.4.0.0 was correctly installed and performs as required.</p> <p>CONDITION TO BE EVALUATED:</p> <p>The Pro*C source file is compiled successfully.</p>				
<p>TEST PROCEDURES:</p> <ol style="list-style-type: none"> Log into the Sun console using a valid SunOS user ID and password which has been set up for ORACLE operation. Type the following command at a SunOS prompt to compile module l09c08.pc: <pre>proc16 iname=/dsrscm/source/common/l09c08.pc \ include=\$ORACLE_HOME/proc16/lib maxliteral=1000 \ ireclen=132 oreclen=1024</pre> 				
<p>EXPECTED OUTPUT:</p> <ol style="list-style-type: none"> The SunOS prompt should be displayed. The following message should be displayed on the screen followed by the SunOS prompt: Pro*C Release 1.6.4.0.0 - Production on Wed Sep 7 09:48:50 1994 Copyright (c) Oracle Corporation 1979, 1994. All rights reserved. Precompiling /dsrscm/source/common/l09c08.pc <p>NOTE: The date and time shown in the first line of the prompt will be the current system date and time. This is an acceptable difference.</p>				
<p>GENERATED TRANSACTIONS/REPORTS: Verify that the files ./l09c08.c and ./l09c08.lis were created.</p>				
<p>DATABASE CHANGES EXPECTED: None.</p>				

TEST CONDITION REQUIREMENT

TCR NO.:

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ECP NO.:

INPUT MEDIUM:

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